

**FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
 TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
 Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KCLM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> PORT ANGELES	<u>STATE</u> WA		
<u>AIRPORT ELEVATION</u> 291	<u>TDZE</u> 285	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 07/19/2018	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WATTR		YUCSU		TF	FO	2.00	258.77	38.92	4700
JIGEB		YUCSU		TF	FO	2.00	250.19	35.47	4700
YUCSU	IF/IAF	OCUVI		TF	FB	1.00	088.28	6.48	3500
OCUVI	FAF	LIGIY/5.90 NM TO RW09		TF	FB	0.30	088.39	4.03	
LIGIY/5.90 NM TO RW09		RW09	MAP	TF	FO	0.30	088.39	5.90	
RW09	MAP	1000 MSL		CA			088.39		1000
1000 MSL		WATTR		DF	FO	1.00			5400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 5400 DIRECT WATTR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	505	1/2	220	505	1/2	220	505	1/2	220	505	1/2	220			
LNAV/VNAV DA	757	1 1/8	472	757	1 1/8	472	757	1 1/8	472	757	1 1/8	472			
LNAV MDA	960	1/2	675	960	1/2	675	960	1 1/2	675	960	1 1/2	675			
CIRCLING	960	1	669	960	1	669	960	1 7/8	669	1000	2 1/4	709			

CHANGES - REASONS

1. UPDATED PROCEDURE NAME FROM RNAV (GPS) RWY 8 TO RNAV (GPS) RWY 9 - RUNWAY RENUMBERING.
2. LINE 8 MSA UPDATED FROM RW08 TO RW09 - RUNWAY RENUMBERING.
3. UPDATED CHART NOTE FROM CIRCLING NA S OF RWY 8-26 TO CIRCLING NA S OF RWY 9-27 - RUNWAY RENUMBERING.
4. UPDATED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH - GPS - 8260.19I
5. UPDATED CRC REMAINDER FROM 5EC9D7F5 TO 2D107188- RUNWAY RENUMBERING.
6. REFERENCE PATH ID UPDATED FROM W08A TO W09A - RUNWAY RENUMBERING.
7. UPDATED TERMINAL ROUTES TO/FROM POINT FROM LIGIY/5.90 NM TO RW08 TO LIGIY/5.90 NM TO RW09 - RUNWAY RENUMBERING.
8. UPDATED CHART NOTE FROM NIGHT LANDING: RWY 13, 31 NA TO CIRCLING RWY 13, 31 NA AT NIGHT - 8260.19I 8-6-11.
9. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE - 8260.19I 8-6-11.

8/3/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 5/4/2022
 CHANGES-REASONS ITEM 10 REMOVED.
 FROM FC PC ITEM 9 - NA WHEN LOCAL WEATHER NOT AVAILABLE IS DOCUMENTED WITH ALTERNATE MINIMUMS

07/27/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/05/2023.
 FAS DATA FPAP COORDIANTES CHANGED FROM 480653.3090N-1232832.7595E TO 480653.3090N-1232832.7595W
 CRC CHANGED FROM 2D107188 TO ED0B3870

8/31/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/05/2022.
 REMOVEDCHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

A4A **ALPA** **AOPA** **APA** **HAL** **NBAA** **OTHER:** ZSE, SEA FSS, NUW APP CON, AMGR

FLIGHT CHECKED BY
JORDAN ROLIH

Digitally signed by
CASIMIR L TABAKA
Aug 18, 2023

OFFICE
FPO
DATE
08/15/2023



DEVELOPED BY
CASEY HILL
Digitally signed by
CASEY D HILL
May 04, 2022

OFFICE
AJV-A432
DATE
04/05/2022

APPROVED BY
LONNIE EVERHART
Digitally signed by
CASIMIR L TABAKA
Jun 01, 2022

OFFICE
AJV-A430
DATE
TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLM
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	480715.7315N
LTP/FTP LONGITUDE	1233041.4505W
LTP/FTP ELLIPSOIDAL HEIGHT	+00664
FPAP LATITUDE	480653.3090N
FPAP LONGITUDE	1232832.7595W
THRESHOLD CROSSING HEIGHT (TCH)	00054.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0816
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	ED0B3870

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00865
FPAP ORTHOMETRIC HEIGHT	+00865

